

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A system for managing a progressive jackpot, comprising: a progressive management device including:

an interface; and

a progressive engine for maintaining a progressive game, the progressive management device being coupled by the interface to a first gaming system and a second gaming system, the first gaming system including a first set of progressive payout parameters and the second gaming system including a second set of progressive payout parameters that is different from the first set of progressive payout parameters, the first set of progressive payout parameters including a percentage of a wager amount to be applied to the progressive jackpot, the progressive management device operable to 1) receive first incoming wagers from the first gaming system and second incoming wagers from the second gaming system wherein each of the first and second incoming wagers includes an incoming wager amount and wherein a portion of the incoming wager amount is to be applied to the progressive jackpot, 2) determine a new percentage of the incoming wager amount to be applied to ~~an odds of winning~~ the progressive jackpot such that a product of a wager amount necessary to participate in ~~[[a]]~~ the progressive jackpot, ~~[[and]]~~ an reciprocal of the odds of winning the progressive jackpot, and the new percentage of the incoming wager amount to be applied to the progressive jackpot is equal for the first and second gaming systems and 3) for each of the first incoming wagers comparing the odds of winning the progressive jackpot for the first gaming system to a random number to determine whether the progressive jackpot is won,

wherein the second gaming system provides an untrusted third-party game of chance, and the third-party game is associated with a game model and the odds of winning the progressive jackpot for the second gaming system,

wherein for each of the second incoming wagers, the progressive management device is further operable to 4) generate a random outcome based upon the odds of winning the progressive jackpot for the second gaming system, and 5) transmit the random outcome to the second gaming system,

wherein the second gaming system is operable to transmit a notification to the progressive management device when the random outcome corresponds to a winning outcome of the third-party game, and

wherein the progressive management device is further operable to, in response to receiving the notification that the random outcome corresponds to a winning outcome, 6) validate the win by comparing the random outcome to a winning outcome of the untrusted third-party game in accordance with the game model, and 7) transmit a negative result to the second gaming system when the random outcome does not correspond to a winning outcome.

2. (Previously Presented) The system of claim 1, the progressive management device further comprising:

an analysis engine operable to examine a plurality of gaming systems and progressive payout parameters; and

an integrator operable to integrate progressive games having different progressive payout parameters into a single progressive jackpot.

3. (Original) The system of claim 1, wherein the progressive management device is coupled to the gaming systems through a network.

4. (Previously Presented) The system of claim 1, wherein the progressive management device includes a currency conversion device for converting data provided from one of the gaming systems into a predetermined currency.

5. (Original) The system of claim 4, wherein the currency conversion is performed in real-time.

6. (Previously Presented) The system of claim 1, wherein the progressive management device is operable to provide information on the progressive game to user gaming interfaces, wherein the information includes a value of the progressive jackpot.

7. (Original) The system of claim 6, wherein the information is provided to the user gaming interfaces in real-time.

8. (Previously Presented) The system of claim 1, wherein a value of the progressive jackpot is reset when a user attains the progressive jackpot.

9. - 29. (Cancelled)

30. (New) The system of claim 1, wherein the interface is operable to perform communication between the progressive management device and the second gaming system securely through a cryptographic protocol.

31. (New) The system of claim 1, wherein the winning outcome of the untrusted third-party game is a progressive paying outcome specified by the game model.

32. (New) A progressive management device comprising:

an interface; and

a progressive engine for maintaining a progressive game, the progressive management device being coupled by the interface to a third-party gaming system that provides an untrusted game of chance, wherein the untrusted game is associated with a game model and odds of winning,

wherein the progressive management device is operable to receive the odds of winning the progressive jackpot from the third-party gaming system, and to receive incoming wagers from the third-party gaming system,

wherein for each of the incoming wagers, the progressive management device is operable to generate a random outcome based upon the odds of winning the progressive jackpot, and to transmit the random outcome to the third-party gaming system,

wherein the third-party gaming system is operable to transmit a notification to the progressive management device when the random outcome results in a winning outcome of the untrusted game, and

wherein the progressive management device is further operable to validate the win by comparing the random outcome to a winning outcome of the untrusted game in accordance with the game model, and to transmit a negative result to the third-party gaming system when the random outcome does not correspond to a winning outcome.

33. (New) The device of claim 32, wherein the interface is operable to perform communication between the progressive management device and the third-party gaming system securely through a cryptographic protocol.

34. (New) The device of claim 32, wherein the winning outcome of the untrusted game is a progressive paying outcome specified by the game model.